Yashvardhan Ashok

Email: yashvardhan577@gmail.com | Phone: +91-90153 88663

Summary

Computer Science student with over 2 years of experience in web development, data analysis, and automation. Proficient in Python, Ruby on Rails, React, and MySQL, with expertise in data visualization and developing automated tools and scalable web solutions. Skilled in applying data analysis techniques to enhance workflows, optimize productivity, and drive data-driven decision-making. Successfully reduced costs and streamlined business processes through innovative projects like TOKUMEI and ATF, delivering measurable business impact.

Education

Bachelor's in Computer Science
BMIET, Guru Gobind Singh Indraprastha University

12th Standard
Jeevan Jyoti Sec. School

10th Standard
DPS Indirapuram

Power Grid Corporation of India (Software Engineer Intern)   Jan 2025 - Present

- Developing an LLM-powered system that runs locally, allowing users to efficiently analyze and organize data based on specific requirements.
- Enhancing data processing workflows with AI-driven automation, optimizing information retrieval and structured storage.
- Implementing scalable solutions for secure, offline-compatible data handling.

MyUpchar (Summer Intern)   July - Aug 2024

- Created an offline-compatible, Gmail-like internal communication system with advanced search functionality.
- Improved message retrieval speed by 30% and reduced email clutter by 40%.
- Streamlined internal processes, reducing annual costs by 25%.

Navrasa Duende (Intern)   Feb 2024

- Designed a Python-based GUI application integrated with Zebra Mail Server.
- Automated the management of 3,000+ daily emails, boosting operational efficiency by 60%.
- Enabled real-time tracking and improved transparency in communication.

Energo Products Limited (Summer Intern)   Aug - Sep 2023

- Developed ATF (Automated Tender Finder) using Selenium, reducing data extraction time by 50%.
- Built Tender Hunt, a web platform that streamlined tender management, improving efficiency by 40%.

Projects

Auto Inventory & User Management

- Designed a system to automate inventory tracking and user management, reducing manual tasks and increasing operational efficiency by 40%.

Railway Management System

- web-based platform that automated ticket booking, city selection, and email notifications, improving user

experience and optimize productivity.

AIU (Auto Instagram Unfollow)

- Advanced automation tool powered by a custom algorithm to efficiently manage Instagram followers, identifying and unfollowing non-reciprocal users while ensuring compliance with platform restrictions, optimizing account engagement strategies.

Languages & Technologies

Programming: Python, C/C++, JavaScript, Ruby

Web Development: HTML, CSS, React, Node.js, Ruby on Rails

Database: MySQL, JSON

Data Analysis: Pandas, NumPy, Matplotlib

Automation & Tools: Selenium, Git, GitHub Actions, Microsoft 365

Design & Visualization: Tableau, Jupyter, Figma, Adobe AI